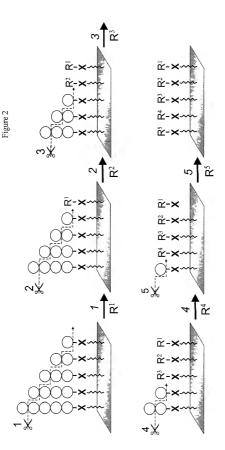
Merchant & Gould P.C.
Inventor, MEIDAL
Deoker Nos: 11225.13USD
Tile: ONE DIMENSIONAL UNICHEMO PROTECTION (UCP) IN ORGANIC
SYYTHESIS
Attoms Name: RONALD A DAIGNAULT
Phone No: (612) 332-5300 Express Mail Label No.. EL815539513US
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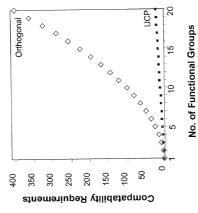
R' = Alloc protecting group

Inventor: MELDAL
Docker No.: 11225.13US01
Title: ONE DIMENSIONAL UNICHEMO PROTECTION (UCP) IN ORGANIC
SYNTHESIS

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Sheet 2 of 6



R¹⁻⁵ = Diversity elements X = Any functional group = Protecting group unit



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Figure 3

B. Example of Deprotection Chemistry

CF₃COOH ŻΙ 9-8 Hd FG = represents functional group

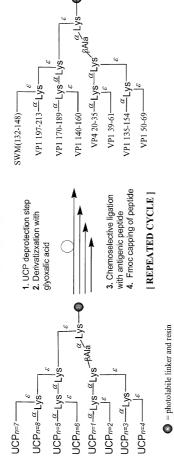
FG CF₃COOH ΙŹ N=C=S 6-8 Hd Merchant & Gould P.C. Inventor: MELDAL Docket No: 11225.13US01 Tute: ONE DIMENSIONAL UNICHEMO PROTECTION (UCP) IN ORGANIC SYNTHESIS

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Figure 5

C₇₀H₉₄N₁₄O₁₅S Exact Mass: 1402.67

C, 59.90; H, 6.75; N, 13.97; O, 17.10; S, 2.28



Example Procedure for N-terminally Derivatizing Peptide Antigens

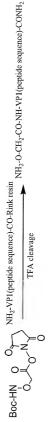


Figure 6